

LISTING OF CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application.

Claims 1-8 (Canceled).

9. (Currently Amended) A member mounting apparatus comprising:

an image forming lens unit;

a holding member ~~for holding~~ configured to hold said image forming lens unit;

a solid state image input unit ~~for photoelectric converting~~ configured to photoelectrically convert any image focused on said solid state image input unit by said image forming lens unit;

a light source;

an object with an adjustment portion configured to aid in ~~for~~ positioning adjustment of at least the solid state image input unit, said adjustment portion of said object being positioned to be illuminated by said light source ~~for generating to generate an adjustment image to perform positioning adjustment of at least~~ said solid state image input unit, said adjustment image being provided to said image forming lens unit and focused thereby on said solid state image input unit; and

a fixing and adjusting mechanism with at least a solid state image input unit operation portion ~~for performing~~ configured to perform positioning adjustment of ~~image forming lens unit and said~~ solid state image input unit and to fix ~~for fixing said holding member and said~~ solid state image input unit; and

a calculation unit configured to calculate a position of at least the solid state image input unit based on photoelectrically converted data provided from the adjustment image focused on said solid state image input unit by said image forming lens unit and to provide the calculation result to at least said solid state image input unit position operation portion when position adjustment of said solid state image input unit is needed

~~said image for positioning adjustment being focused on said solid state image input unit through image forming lens unit[[:]]~~

~~relative position of said image forming lens unit and said solid state image input unit being calculated based on photoelectric converted focused data.~~

10. (New) The member mounting structure as claimed in Claim 9, wherein said adjustment portion of said object comprises a chart.

11. (New) The member mounting structure as claimed in Claim 9, wherein the fixing and adjusting mechanism comprises a fixing table.

12. (New) The member mounting structure as claimed in Claim 11, wherein the fixing table includes a further adjustment portion configured to adjust a relative position of said fixing table.

13. (New) The member mounting structure as claimed in Claim 12, wherein the further adjustment portion includes parts configured to adjust the relative position of said fixing table in at least two different directions.

14. (New) The member mounting structure as claimed in Claim 13, wherein said fixing table mounts the image forming lens unit and one of said further adjustment portion parts is configured to adjust a position of an optical axis of said image forming lens unit by adjusting the relative position of the fixing table in a first one of the two different directions.

15. (New) The member mounting structure as claimed in Claim 14, wherein a second one of said further adjustment portion parts is configured to adjust a position of the fixing table relative to the object with an adjustment portion along a second one of the two different directions.